IN THE CLAIMS:

Kindly add new claims 53-68 as shown in the following listing of claims, which replaces all previous versions and listings of claims in this application.

- 1. 35. (canceled).
- 36. (previously presented) An information reproducing apparatus comprising:
- a light source for generating linearly polarized light;

a medium having an information unit field and only a single linear mark disposed in the information unit field;

an optical head disposed between the light source and the medium, the optical head having a fine aperture;

polarized light control means for controlling the linearly polarized light generated by the light source to pass through the fine aperture of the optical head to generate near-field light having a preselected polarization direction and to irradiate the linear mark in the information unit field of the medium with the near-field light so that the preselected polarization direction of the near-field light is orthogonal to a longitudinal axis of the linear mark; and

a detector for detecting light scattered by the linear mark irradiated with the near-field light.

- 37. (previously presented) An information reproducing apparatus according to claim 36; further comprising signal processing means for processing a signal from the detector corresponding to the detected scattered light.
- 38. (previously presented) An information reproducing apparatus according to claim 37; wherein the signal processing means includes means for acquiring data in accordance with an intensity of the signal from the detector corresponding to the detected scattered light.
- 39. (previously presented) An information reproducing apparatus according to claim 36; wherein the linear mark comprises a linear data mark.
- 40. (previously presented) An information reproducing apparatus according to claim 36; wherein the linear mark comprises a linear tracking mark.
- 41. (previously presented) An information reproducing apparatus comprising:
- a light source for generating linearly polarized light;
- a medium having an information unit field and a plurality of linear marks disposed in the information unit field and extending in different directions from one another;

an optical head disposed between the light source and the medium, the optical head having a fine aperture;

polarized light control means for controlling the linearly polarized light generated by the light source to pass through the fine aperture of the optical head to generate near-field light and to irradiate the linear marks disposed in the information unit field of the medium with the near-field light; and

a detector for detecting light scattered by the linear marks irradiated with the near-field light.

- 42. (previously presented) An information reproducing apparatus according to claim 41; further comprising signal processing means for processing a signal from the detector corresponding to the detected scattered light and for acquiring multiple value data from the signal.
- 43. (previously presented) An information reproducing apparatus according to claim 41; wherein the linear marks comprise linear data marks.
- 44. (previously presented) An information reproducing apparatus according to claim 41; wherein the linear marks comprise linear tracking marks.

45. (previously presented) An information reproducing apparatus comprising:

a medium having a plurality of information unit fields and a plurality of linear marks disposed in each of the information unit fields and extending in different directions from one another;

an optical head disposed over the medium and having a fine aperture; and

light generating means for generating linearly polarized light, directing the linearly polarized light through the fine aperture of the optical head to generate near-field light and to irradiate at least one of the linear marks in the information unit fields of the medium with the near-field light, and controlling a direction of polarization of the near-field light so that the direction of polarization of the near-field light irradiated on the at least one linear is orthogonal to a longitudinal axis of the at least one linear mark; and

detecting means for detecting light scattered by the linear mark irradiated with the near-field light.

46. (previously presented) An information reproducing apparatus according to claim 45; further comprising signal processing means for processing a signal from the detector corresponding to an intensity of the detected scattered light.

- 47. (previously presented) An information reproducing apparatus according to claim 45; wherein the at least one linear mark comprises at least one linear data mark.
- 48. (previously presented) An information reproducing apparatus according to claim 45; wherein the at least one linear mark comprises at least one linear tracking mark.
- 49. (previously presented) An information reproducing method, comprising the steps of:

providing a medium having a plurality of information unit fields and a plurality of linear marks disposed in each of the unit fields and extending in different directions from one another;

generating near-field light by directing linearly polarized light through a fine aperture of an optical head;

irradiating at least one of the linear marks in the respective information unit field of the medium with the near-field light while controlling a direction of polarization of the near-field light so that the direction of polarization of the near-field light irradiated on the at least one linear mark is orthogonal to a longitudinal axis of the at least one linear mark; and

detecting light scattered by the linear mark irradiated with the near-field light.

- 50. (previously presented) An information reproducing method according to claim 49; further comprising the step of processing a signal corresponding to an intensity of the detected scattered light.
- 51. (previously presented) An information reproducing method according to claim 49; wherein the at least one linear mark comprises a linear data mark.
- 52. (previously presented) An information reproducing method according to claim 49; wherein the at least one linear mark comprises a linear tracking mark.
- 53. (new) An information reproducing apparatus according to claim 36; wherein the linear mark comprises a projection having a linear edge.
- 54. (new) An information reproducing apparatus according to claim 36; wherein the linear mark comprises a groove having a linear edge formed in the medium.
- 55. (new) An information reproducing apparatus according to claim 36; wherein the linear mark comprises a plurality of substances having a linear interface and formed in a planar surface of the medium, the substances having different optical properties.

- 56. (new) An information reproducing apparatus according to claim 55; wherein the different optical properties are different refractive indices.
- 57. (new) An information reproducing apparatus according to claim 41; wherein each of the linear marks comprises a projection having a linear edge.
- 58. (new) An information reproducing apparatus according to claim 41; wherein each of the linear marks comprises a groove having a linear edge formed in the medium.
- 59. (new) An information reproducing apparatus according to claim 41; wherein each of the linear marks comprises a plurality of substances having a linear interface and formed in a planar surface of the medium, the substances having different optical properties.
- 60. (new) An information reproducing apparatus according to claim 59; wherein the different optical properties are different refractive indices.
- 61. (new) An information reproducing apparatus according to claim 45; wherein each of the linear marks comprises a projection having a linear edge.

- 62. (new) An information reproducing apparatus according to claim 45; wherein each of the linear marks comprises a groove having a linear edge formed in the medium.
- 63. (new) An information reproducing apparatus according to claim 45; wherein each of the linear marks comprises a plurality of substances having a linear interface and formed in a planar surface of the medium, the substances having different optical properties.
- 64. (new) An information reproducing apparatus according to claim 63; wherein the different optical properties are different refractive indices.
- 65. (new) An information reproducing method according to claim 49; wherein each of the linear marks comprises a projection having a linear edge.
- 66. (new) An information reproducing method according to claim 49; wherein each of the linear marks comprises a groove having a linear edge formed in the medium.
- 67. (new) An information reproducing method according to claim 49; wherein each of the linear marks comprises a plurality of substances having a linear interface and formed in a planar surface of the medium, the substances having different optical properties.

68. (new) An information reproducing method according to claim 67; wherein the different optical properties are different refractive indices.